

Minnesota State College Southeast

AUTO 1106: General Auto Service Lab

A. COURSE DESCRIPTION

Credits: 2

Lecture Hours/Week: *.*

Lab Hours/Week: 4

OJT Hours/Week: *.*

Prerequisites: None

Corequisites: None

MnTC Goals: None

This course will let the student apply knowledge and skills learned in general automotive service.
(Prerequisite: AUTO1105) (2 Credits: 0 lecture/2 lab)

B. COURSE EFFECTIVE DATES: 04/27/1998 - Present

C. OUTLINE OF MAJOR CONTENT AREAS

1. Perform Safety Procedures
2. Application of Skills Learned in General Automotive Service

D. LEARNING OUTCOMES (General)

1. Perform safety procedures related to the shop
2. Perform safety procedures
3. Cut with oxy-acetylene torch
4. Replace exhaust system components
5. Service wheel bearings
6. Service a battery
7. Identify different types of lubricants
8. Demonstrate use of lubrication manual
9. Perform lubrication oil and filter services
10. Perform vehicle safety inspection
11. Identify tire construction
12. Balance a tire
13. Complete mid-course exam
14. Replace fan belts
15. Replace cooling system hoses
16. Replace thermostat
17. Back flush cooling system
18. Winterize cooling system
19. Pressure test cooling system and cap
20. Identify transmission filters and gaskets
21. Replace automatic transmission fluid and filter
22. Measure pipe diameter
23. Replace exterior lights
24. Operate test light
25. Perform use of a voltmeter
26. Complete final exam
27. Exhibit professionalism

E. Minnesota Transfer Curriculum Goal Area(s) and Competencies

None

F. LEARNER OUTCOMES ASSESSMENT

As noted on course syllabus

G. SPECIAL INFORMATION

None noted